Control Panel Connected with Database
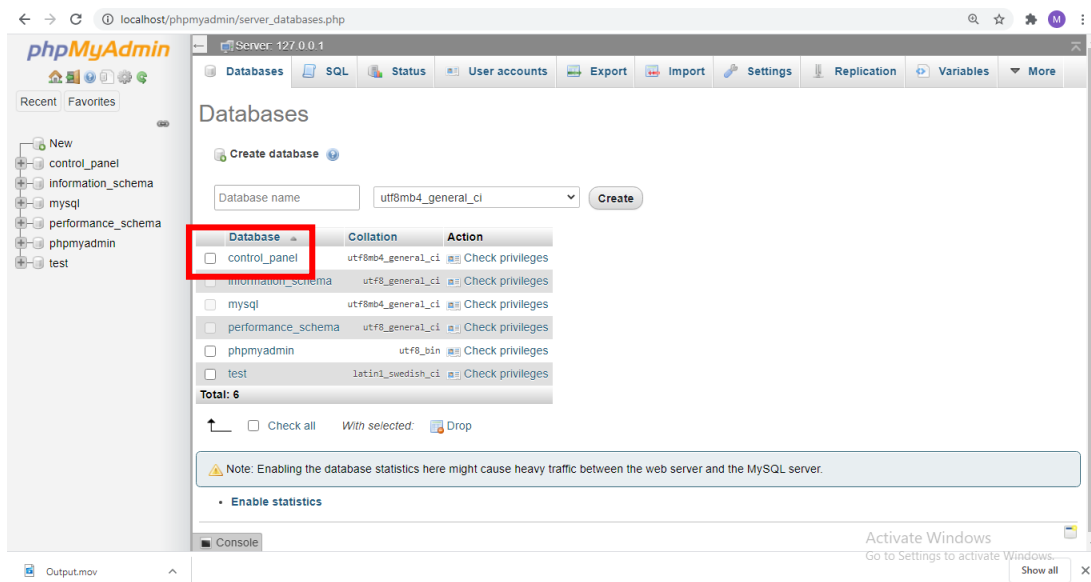
1. After installing XAMPP
2. In the html file
   a. create connection

```php
// Create connection
$conn = new mysqli("localhost", "root", "");

// Check connection
if ($conn->connect_error) {
  die("Connection failed: " . $conn->connect_error);
}
```
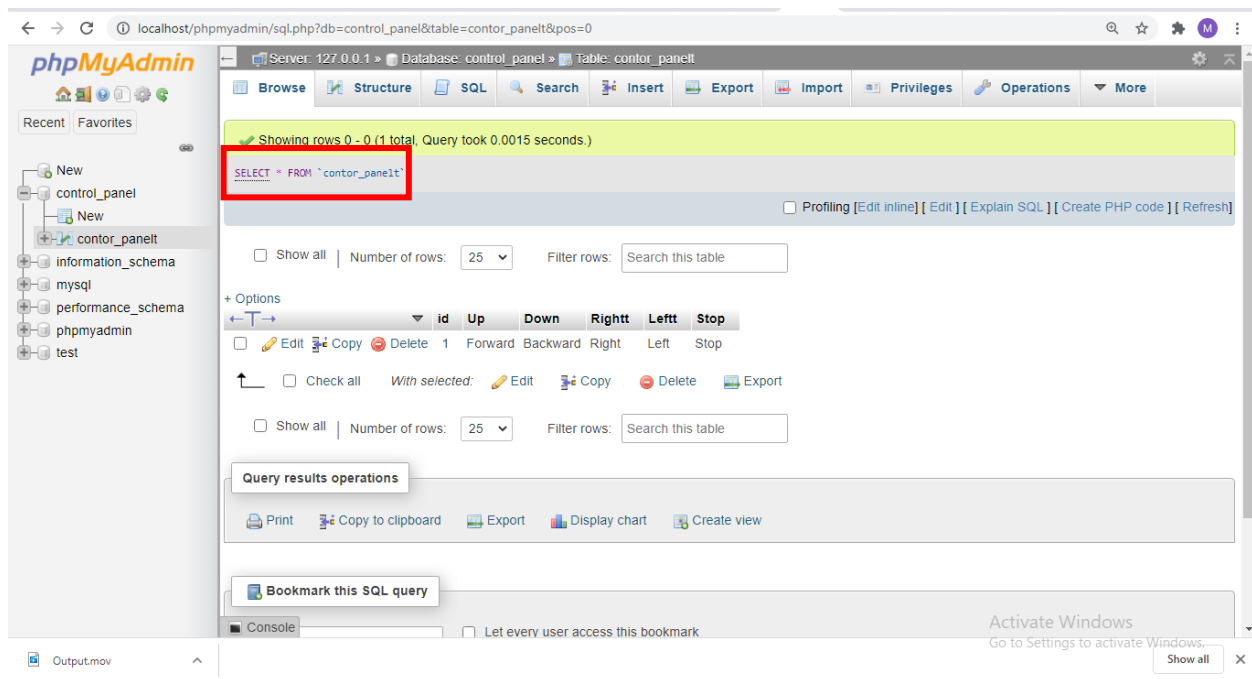
   b. create database

```php
// Create database
$sql = "CREATE DATABASE Control_Panel";
if ($conn->query($sql) === TRUE) {
  echo "Database created successfully";
} else {
  echo "Error creating database: " . $conn->error;
}
```
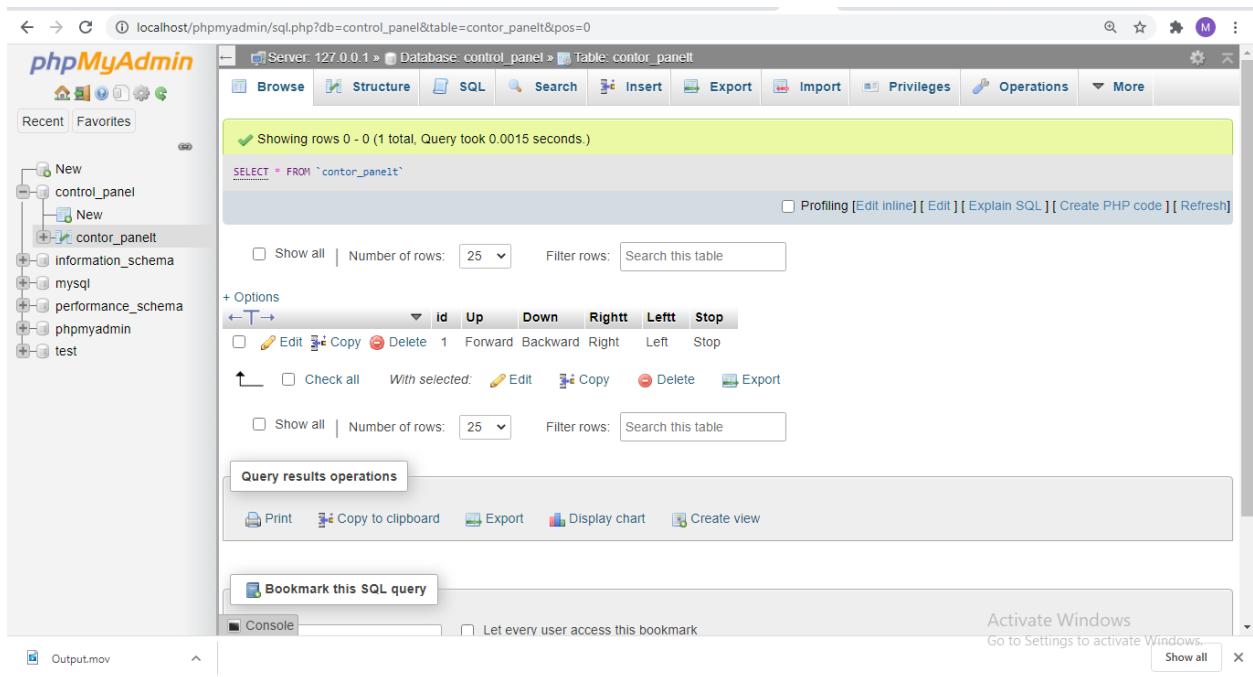
c. create table

```
// sql to create table
$sql = "CREATE TABLE Contor_PanelT (
id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
Up VARCHAR(30),
Down VARCHAR(30),
Rightt VARCHAR(30),
Leftt VARCHAR(30),
Stop VARCHAR(30)
)";
```


d. insert data

```
//insert data
$conn2 = new mysqli("localhost", "root","" ,"Control_Panel");
$sql2 = "INSERT INTO Contor_PanelT (Up, Down, Rightt, Leftt, Stop)
VALUES ('Forward', 'Backward', 'Right','Left','Stop')";
```
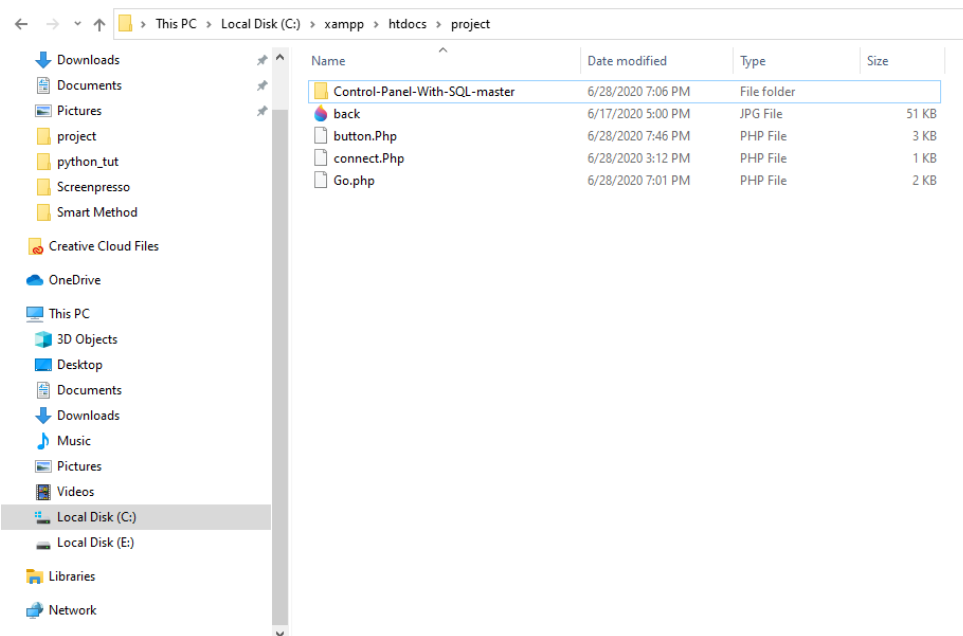
3. Use HTML form to collect user input. The user input can then be sent to a server for processing

   Example: In this project the action goes to another page when click on any button

```
<form  action="Go.php" method="post">
  <button id="R" type="submit" name="right" >Right</button>
        <button id="f" type="submit" name="forward">Forward</button>
        <button id="b" type="submit" name"backward">Backward</button>
        <button id="s" type="submit" name"stop">STOP</button>
        <button id="l" type="submit" name"left" >Left</button>
```

4. Open new file and name it the same name in action

5. Create new file in htdocs and save the two files on it

6. Finally, write the path of the project